DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My resid	ence, post office	address and citizensh	p are as stated below n	ext to my name.
original, first and	joint inventor (if ploatent is sought	lural names are listed boon the invention entitle	or (If only one name is elow) of the subject mat d <u>METHOD AND APPA</u> ATASTROPHIC ILLNE	ter which is claimed ARATUS FOR THE
the enecification	of which (check	one).		• • • • • • • • • • • • • • • • • • •
He specification	-	is attached	hereto	
	or	Y was filed or	17 March 1999	1.00
		as United States Applic	ation No. 09/271,279	
«	and			
		was amend	ed on	 •.
specification, inc	cluding the claims	s, as amended by any a to disclose information	tand the contents of the amendment specifically which is material to the	referred to above.
application, as d	efined in 37 C.F.	.R. §1.56.		
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I hereby claim the benefit under Title 35, United S	States Code §119(e), of	any United States
provisional applications listed below:		

Application Number	Filing Date	.•		. :
60/078,319	17 March 1998			
		•	. :	• • •

And I hereby appoint

Stuart J. Sinder John C. Altmiller David B. Bonham Registration No. 25,377 Registration No. 25,951 Registration No. 34,297

my attorneys, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please address all communications regarding this application to:

David B. Bonham KENYON & KENYON 1500 K Street, N.W., Suite 700 Washington, DC 20005

Direct all telephone calls to:

David B. Bonham
et (202) 220-4200.

I hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

First inventor Inventor's Signature Date Residence	•	M. Pamela GRIFFIN M. Pamela GRIFFIN M. Pamela GRIFFIN 2017, 1999 2275 Mechum Place Charlottesville, Virginia 22901
Citizenship Post Office Address	:	U.S. Same as above

Second Inventor	: J. Randall MOORMAN
Inventor's Signature	: Randellhovrun
Date	5/17/99
Residence	: 2275 Mechum Place
	Charlottesville, Virginia 22901
Citizenship	: <u>u.s.</u>
Post Office Address	: Same as above

Applicant or Patentee: M. Particla GRIFFIN et al.	Attorney's
Serial or Patent No.: 09/271,279	Docket No. <u>10406/4</u>
Filed or Issued: 17 March 1999	
Title: Method And Apparatus for the Barly Diagnosis of Subacute, Potentially Catastrophic Illness	•

verified states (37 CI	MENT (DECLARATION) CLA FR 1.9(1) & 1.27(b)) — INDEPI	AIMING SMALL ENTITY STATUS ENDENT INVENTOR	·
As a below named inventor. I hereby declar reduced fees to the Patent and Trademark O Subacute, Potentially Caustrophic Illness	e that I qualify as an independer ffice regarding the invention en	it inventor as defined in 37 CFR 1.9(c) for itled Method And Apparatus for the Early	purposes of paying <u>Diagnosis o</u> f
the specification filed herewith	i		
B application serial number 09/2	71.279	, filed 17 March 1999	 `.
patent number		, issued	
I have not assigned, granted, conveyed or li any rights in the invention to any person wh the invention, or to any concern which woul under 37 CFR 1.9(e).	o would not qualify as an indepoid not qualify as a small busines	endern inventor under 37 CFR 1.9(c) if that secondern under 37 CFR 1.9(d) or a nonpre	person had made fit organization
Each person, concern or organization to who or law to assign, grant, convey, or license a	ich I have assigned, granted, co my rights in the invention is list	nveyed, or licensed or am under an obligated below:*	ion under contract
O No such person, concern, or of Persons, concerns or organiza	organization tions listed below*		
*Note: Separate verified stateme invention averting to their status as small er	ents are required from each name ntities. (37 CFR 1.27)	ed person, concern or organization having	rights to the
NAME UNIVERSITY OF VI	IRGINIA PATENT FOUNDAT	ION	
ADDRESS 1224 West Main Sure	et, Suite 1-110, Charlonesville.	Virginia 22903	
	D SMALL BUSINESS CONC	ERN S NONPROFIT ORGANIZA	TON
O INDIVIDUAL	E SMALL BOSINESS CONC.		
small entity status prior to paying, or at the status as a small entity is no longer appropriate that all statument belief are believed to be true; and further the status are provided to be fire or imprisonate.	time of paying, the earliest of triate. (37 CFR 1.28(b)) This made herein of my own knot these statements were made are or both under 1001 of Title.	fication of my change in status resulting in the issue fee or any maintenance fee due affined wiedge are true and that all statements mad with the knowledge that willful false states 18 of the United States Code, and that suggesteroon, or any patent to which this verification.	ter the date on which te on information and tents and the like so th willful false
M. Pamela GRIFFIN NAME OF INVENTOR M. Pamela GRIFFIN Signature of Inventor M. M. 17, 1999 Date	Randall MOORMAN NAME OF INVENTOR Candalful Signature of Inventor 5/17/99 Date	NAME OF INVENTOR Signature of Inventor Date	<u>-</u>

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Applicant or Patentee: M.	. Pamela GRIFFIN et al.	•
	9/271,279	Anomey's Docket No.:
	7 March 1999	Docket No.:
Title METHOD AND A	APPARATUS FOR FARTY DIACNOCIC	OF SUBACUTE, POTENTIALLY CATA-
VE	PULL COLUMN TO THE PARTY DIAGNOSTS	OF SUBACUTE, POTENTIALLY CATA-
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	(37 CFR 1.9(f) & 1.27(d))-NONPROFIT ORC	GANIZATION
** * * * * * * * * * * * * * * * * * * *		·
I hereby declare that I am an	official empowered to set on behalf of the nonprofit orga	enization identified below:
NAME OF NONPROFT	TORGANIZATION THE UNIVERSITY OF	VIRGINIA PATENT FOUNDATION
ADDRESS OF NONPR	OFT ORGANIZATION 1224 West Main	
	Charlottesville	, Virginia 22903
TYPE OF NONPROFIT O	RGANIZATION	
UNIVERSITY OR O	THER INSTITUTION OF HIGHER EDUCATION	
□ TAX EXEMPT UNT	DER INTERNAL REVENUE SERVICE CODE (26 U.S.	.C. 501(a) and 501(c)(3)
□ NONPROFIT SCIEN	NTIFIC OR EDUCATIONAL UNDER STATUTE OF S	TATE OF THE UNITED STATES OF AMERICA
(NAME OF STATI	E)
(CITATION OF ST	TATUTE	
	AS TAX EXEMPT UNDER INTERNAL REVENUE S	SERVICE CODE (2611 S.C. SOLO) and SOLOVANIE
LOCATED IN THE UNITE	ED STATES OF AMERICA	DER VICE CODE (10 0.3.C. 201(4) Ella 201(CA3)) IF
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STATES OF AMERICA IF	LOCATED IN THE UNITED STATES OF AMERICA	CONDER STATUTE OF STATE OF THE CHIED
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	the nonprofit organization identified above qualifies as a r	nonprofit organization as defined in 37 CFR 1.9(e) for
purposes of paying reduce	2 1965 to the United States Patent and Trademark Off	fice regarding the invention entitled METHOD AND
	EARLY DIAGNOSIS OF by inventor(s)	M. Pameta GRIFFIN et al.
described in: SUBACUI	TE, POTENTIALLY CATASTROPHIC	ILLNESS
		1 4000
	.09/271,279 Filed 17 Max	
petent no		
		-
I hereby declare that n	ights under contract or law have been conveyed to and rem	ain with the nonprofit organization regarding the above
identified invention.	·	
identified invention. If the rights held by th	e nonprofit organization are not exclusive, each individual	l concern or organization having rights in the invention
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1500 K STREET, NW
SUITE 700
WASHINGTON, DC 20005



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

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RECORDATION DATE: 09/13/2000

REEL/FRAME: 011206/0489

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR''S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

UNIVERSITY OF VIRGINIA, THE

DOC DATE: 06/11/1999

ASSIGNEE:

UNIVERSITY OF VIRGINIA PATENT FOUNDATION, THE 1224 WEST MAIN STREET SUITE 1-110 CHARLOTTESVILLE, VIRGINIA 22903

SERIAL NUMBER: 09271279

PATENT NUMBER:

FILING DATE: 03/17/1999

ISSUE DATE:

SEDLEY PYNE, PARALEGAL ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS



ASSIGNMENT

WHEREAS, the University of Virginia, Washington Hall E. Range, Charlottesville, Virginia 22903 (the "Assignor") possesses the entire right, title and interest for and in an invention entitled

"METHOD AND APPARATUS FOR THE EARLY DIAGNOSIS OF SUBACUTE, POTENTIALLY CATASTROPHIC ILLNESS"

described in U.S. Patent Application No. 09/271,279, filed on March 17, 1999, and claiming priority to U.S. Provisional Patent Application No. 60/078,319, filed March 17, 1998, entitled "DEVICE TO MAKE THE EARLY DIAGNOSIS OF SUBACUTE, POTENTIALLY CATASTROPHIC ILLNESS;" and

WHEREAS, The University of Virginia Patent Foundation, a non-profit organization having a place of business at 1224 West Main Street, Suite 1-110, Charlottesville, Virginia 22903 (the "Assignee") is desirous of acquiring the entire right, title and interest in and to the aforesaid invention and any improvements thereon, and in and to said applications for Letters Patent thereon in the United States, its territories and possessions ("United States") and all foreign countries, including rights to claim priority, to any provisional applications, and in and to any Letters Patent of the United States or any foreign country which may be granted therefor, including any and all reissues, divisions, continuations, continuations-in-part, renewals, substitutes or extensions thereof.

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and conveyed, and does hereby sell, assign, transfer and convey to Assignee, its successors and assigns, the entire right, title and interest in and to the aforesaid invention and any improvements thereon, and in and to said applications for Letters Patent thereon in the United States and all foreign countries, including all rights to claim priority, to any provisional applications, and in and to any and all Letters Patent of the United States or any foreign country which may be granted therefor, including any and all reissues, divisions, continuations, continuations-in-part, renewals, substitutes or extensions thereof, and in and to all income, royalties, damages and payments now or hereafter due or payable with respect to any Letters Patent which may be granted, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment, as fully and entirely as the same would have been held and enjoyed by Assignor if this sale and assignment had not been made;

AND Assignor hereby authorizes and requests the appropriate governmental officials to issue any and all such United States or foreign Letters Patent under said invention, or resulting from any of said applications thereof, to the Assignee, as the assignee of the entire right, title and interest in and to the same;

AND Assignment ereby represents, warrant and covenant that it has the full right to convey the entire interest herein assigned, that its has not executed and will not execute any instrument or assignment in conflict herewith, and that the rights assigned herein are not otherwise encumbered by any grant, license or right;

AND Assignor further covenants and agrees that Assignors will at any time upon request make, execute and deliver without further compensation, any and all other instruments in writing, including further applications, papers, affidavits, power of attorney, assignments, and other documents, and do all lawful acts and things, which, in the opinion of counsel for said Assignee, its successors and assigns, may in any country be required or necessary more effectively to secure to and vest in said Assignee, its successors and assigns the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, transferred and conveyed, and that Assignor will sign any applications for reissue, division, continuation, continuation-in-part, renewal, substitute or extension of said application for Letters Patent or any resulting Letters Patent;

AND Assignor further covenants and agrees that Assignor will at any time upon request communicate to the Assignee, its successors, assigns or other legal representatives any facts relating to the aforesaid invention known to it, and will testify as to the same in any interference, litigation, mediation, arbitration or other proceeding when requested to do so.

IN WITNESS WHEREOF, said Assignor has hereunto set its hand and seal.

Signature of Representative for Assignor:	Collaboration
Representative's Title:	Associate Vice Provost for Research
Date of Execution:	June 11-, 1999
City of Charlottes ville COUNTY OF) ss:	
STATE OF JA)	
On this 1 day of 1	1999, before me, a Notary Public in and for
the County and State aforesaid, per	rsonally appeared <u>DAVID</u> , to me
known and known to me to be the	person of that name, who signed and sealed the
foregoing instrument and acknowled	edged the same to be of his free act and deed.
	Cothryn J. Good
•	Notary Public

My commission expires: January 30,2968





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RECORDATION DATE: 05/28/1999

REEL/FRAME: 009995/0523

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

GRIFFIN, M. PAMELA

DOC DATE: 03/17/1999

ASSIGNOR:

MOORMAN, J. RANDALL

DOC DATE: 03/17/1999

ASSIGNEE:

UNIVERSITY OF VIRGINIA, THE WASHINGTON HALL E.RANGE CHARLOTTESVILLE, VIRGINIA 22903

SERIAL NUMBER: 09271279

PATENT NUMBER:

FILING DATE: 03/17/1999

ISSUE DATE:

KIMBERLY WHITE, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

ASSIGNMENT

WHEREAS, we, M. Pamela Griffin, a citizen of the United States, and J. Randall Moorman, a citizen of the United States, both residing at 2275 Mechum Place, Charlottesville, Virginia 22901 (the "Assignors"), have made an invention entitled

"METHOD AND APPARATUS FOR THE EARLY DIAGNOSIS OF SUBACUTE, POTENTIALLY CATASTROPHIC ILLNESS"

described in U.S. Patent Application No. 09/271,279, filed on March 17, 1999, and claiming priority to U.S. Provisional Patent Application No. 60/078,319, filed March 17, 1998, entitled "DEVICE TO MAKE THE EARLY DIAGNOSIS OF SUBACUTE, POTENTIALLY CATASTROPHIC ILLNESS;" and

WHEREAS, The University of Virginia, Washington Hall E. Range, Charlottesville, Virginia 22903 (the "Assignee"), is desirous of acquiring the entire right, title and interest in and to the aforesaid invention and any improvements thereon, and in and to said applications for Letters Patent thereon in the United States, its territories and possessions ("United States") and all foreign countries, including rights to claim priority, to any provisional applications, and in and to any Letters Patent of the United States or any foreign country which may be granted therefor, including any and all reissues, divisions, continuations, continuations-in-part, renewals, substitutes or extensions thereof.

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and conveyed, and do hereby sell, assign, transfer and convey to Assignee, its successors and assigns, the entire right, title and interest in and to the aforesaid invention and any improvements thereon, and in and to said applications for Letters Patent thereon in the United States and all foreign countries, including all rights to claim priority, to any provisional applications, and in and to any and all Letters Patent of the United States or any foreign country which may be granted therefor, including any and all reissues, divisions, continuations, continuations-in-part, renewals, substitutes or extensions thereof, and in and to all income, royalties, damages and payments now or hereafter due or payable with respect to any Letters Patent which may be granted, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment, as fully and entirely as the same would have been held and enjoyed by Assignors if this sale and assignment had not been made;

AND Assignors hereby authorize and request the appropriate governmental officials to issue any and all such United States or foreign Letters Patent under said invention, or resulting from any of said applications thereof, to the Assignee, as the assignee of the entire right, title and interest in and to the same;

AND Assignors hereby represent, warrant and covenant that Assignors have the full right to convey the entire interest herein assigned, that Assignors have not executed

and will not execute any instrument or assignment in conflict herewith, and that the rights assigned herein are not otherwise encumbered by any grant, license or right;

AND Assignors further covenant and agree that Assignors will at any time upon request make, execute and deliver without further compensation, any and all other instruments in writing, including further applications, papers, affidavits, power of attorney, assignments, and other documents, and do all lawful acts and things, which, in the opinion of counsel for said Assignee, its successors and assigns, may in any country be required or necessary more effectively to secure to and vest in said Assignee, its successors and assigns the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, transferred and conveyed, and that Assignors will sign any applications for reissue, division, continuation, continuation-in-part, renewal, substitute or extension of said application for Letters Patent or any resulting Letters Patent:

AND Assignors further covenant and agree that Assignors will at any time upon request communicate to the Assignee, its successors, assigns or other legal representatives any facts relating to the aforesaid invention known to Assignors, and will testify as to the same in any interference, litigation, mediation, arbitration or other proceeding when requested to do so.

IN WITNESS WHEREOF, Assignors have hereunto set their hands and seals.

114 W1114252 W1225	M. Pamela Suyan
Signature of Inventor: Inventor's Name: Inventor's Address:	M. Pamela Griffin 2275 Mechum Place, Charlottesville, VA 22901

caviotte ville) ss:

Date of Execution:

STATE OF VIRGINIA

On this 17th day of 1999, before me, a Notary Public in and for the County and State aforesaid, personally appeared 1999, before me, a Notary Public in and for the County and State aforesaid, personally appeared 1999, before me, a Notary Public in and for known and known to me to be the person of that name, who signed and sealed the foregoing instrument and acknowledged the same to be fof his free act and deed.

My commission expires: January 30, 2003

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the County and State aforknown and known to me	recoid percobally	appeared	
known and known to me foregoing instrument an	to be the person of acknowledged th	ne same to be of his f	ree act and deed.
		Catherin 1	Dovo
•		Notary Public	^
	•	My commission e	xpires: June
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Signature of Inventor: Inventor's Name:

Inventor's Address:

Date of Execution:

2275 Mechum Place, Charlottesville, VA 22901